

Analysis of Organofluorine Compounds
Simultaneous Microdetermination of Fluorine and
Nitrogen in Organic Compounds, by N. E. Gel'man,
M. O. Korshun, 5 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXXIII, No 3,
1958, pp 468-470.

SLA 60-10908

Sci

OFS, Vol III, No 6

Sep 60

126,860

Rapid Methods of Microelemental Analysis.
Simultaneous Determination of Elements by ~~SHIMADZU~~
~~SHIMADZU~~ Decomposition of Organic Substances by
Heating With Metallic Potassium, by M. O.
Korshun, M. N. Chumachenko.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol XCIX,
No 5, 1954, pp 769-771.

Assoc Tech Sv
RJ-301

Sci. - Chemistry
Jan 1956/CTS No 77

30,540

P.O. Box ~~100~~ 271, East Orange, N. J.

Rate Method for Microelementary Analysis.
Simultaneous Quantitative Microdetermination
of Phosphorus, Sulfur, Carbon, and Hydrogen
in Phosphorus-Organic Compounds of the
Composition C, H, O, N, S, P., by M. O.
Korshun, E. A. Terentyeva, 8 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol C, No 4,
1955, pp 707-709.

NIH Tr919

30,337

S.A.A. Tr R-772

Sci - Chemistry

Rapid Methods of Microelementary Analysis. Simultaneous Determination of Carbon, Hydrogen, and Phosphorus in Organophosphorus Compounds, by V. A. Klimova, M. O. Korshun, E. G. Bereznitskaya, 5 pp.

RUSSIAN, three-mo per, Dok Ak Nauk SSSR, Vol XCVI, No 2, 1954, pp 287, 288.

NIE

Scientific - Chemistry

CTS 65/Feb 1955

21,247

Rapid Methods of Micro Elemental Analysis. Part I.
Simultaneous Determination of Carbon, Hydrogen and
Halogens in Halogen Containing Organic Compounds,
by M. O. Korshun, N. S. Sheveleva, 8 pp.

RUSSIAN, also per, Zhur Anal Khim SSSR, Vol XI, No
4, 1956, pp 376-382.

Consultants Bureau

Sci - Chemistry
Mar 57

40,008

Assoc Techn Rep RS-727

High Speed Methods of Microelementary Analysis, by
(UNCLASSIFIED) V. A. Klymov, M. O. Korshun, 6 pp.

RUSSIAN, Journal of Analytical Chemistry, Vol VI,
No 4, 1951, pp 230-233.

ATIC F-TS-8055

Scientific - Chemistry

CIA 1602880

3489

Rapid Methods of Micro Elemental Analysis. Part IX.
Simultaneous Determination of Carbon, Hydrogen, and
Silicon in Organo Silicon Compounds, by V. A. Klimova,
M. O. Korshun, E. G. Bereznitakaya, 10 pp.

RUSSIAN, bino per, Zhur Anal Khim, Vol XI, No 2,
Mar/Apr 1956, pp 223-232. CIA 9001312 C; Reel No 55

Consultants Bureau

Sci - Chemistry

40,839

Friction Welding at the Chelyabinsk Tractor
Works, by I. F. Kobzev, T. V. Korshun,
8 pp.

RUSSIAN, per, Avtomat Svarka, No 1, 1962,
pp 64-72.

BWRA

Sci

Nov 62

216,498

Calculation of the Transport Capacity of Hydraulic
Transport Equipment, by A. P. Korshunov, 12 pp.
RUSSIAN, per, Gornyi Zhurnal, No 10, 1963,
pp 36-39,
OTS TT-64-18106

A. P. Korshunov

Sci/Engr
Jun. 67

327,687

19
Infrared Absorption Spectra of Some Substances
in Different States of Aggregation, by
A. V. Karshtunov & L. S. Salov'yev. 7 pp
RUSSIAN, per. All USSR. Sibirskoye Otdeleniye.
Spektroskopiya. Metody i Primeneniye, Izd-vo,
Moscow, 1964, pp 143-145. P10010328-V
FTD-HT-23-882-67

A. V. Karshtunov

Sol/Phys
June 68

359.311

Infrared Absorption Spectra of Some
Compounds in Different States of Aggregation 116

by A. V. Korshunov, L. S. Solov'ev.

RUSSIAN, rpt, Spektroskopiya, Metody i
Primeneniya, Akad Nauk SSSR Sibirsk OTD,
1964, pp 143-145.

*FTD HT 23-882-67

A. V. Korshunov

Sci-Phys
Jun 67

Raman Spectra of 1,3,5-Trichlorobenzene and
1,3,5-Tribromobenzen, by A. V. Korshunov,
V. E. Volkov, 6 pp.

RUSSIAN, per, Zhur Strukturnoy Khim, VII II, No 2,
1961, pp 151-157.

CB

Sci
Jun 62

200,130

The Use of Illuminators in Investigating the Low
Frequency Scattering Spectra of Organic Crystals,
by A. V. Korshunov, V. A. Sel'kin, 5 pp.

RUSSIAN, no per, Zhur Tekh Fiz, Vol XX, No 6, 1950,
pp 745-749.

Sci Museum Lib No 54/0696

Scientific - Physics

May 54 CTS

14,113

Thermal and Tensimetric Study of the System
 $\text{KbCl}_3\text{-HbCl}_3\text{-NaCl}$, by I. S. Morozov, B. G. Korshunov,
pp.

RUSSIAN, part, Iz Vysshikh Ucheb Zaved, Khim i Khim
Fizik, Vol. XI, No 4, 1959, pp 485-489.

ATS-27M42R

Sci

190, 250

Apr 62

Vol. IV, No 6

55
Investigation of Interaction of Thorium
Chloride With the Chlorides of Magnesium,
Calcium, Cerium, Aluminum, Iron, Tantalum
and the Oxychloride of Bismuth in Melts,
by B. G. Korshunov, V. I. Izotov, F. A.
Bekasheva, V. V. Kozlov.
RUSSIAN, per, Izv. Vsesoyuzn. Eksp. Zavod,
Khim. Met., No 6, 1960, pp 114-118.
WAB 25 75-56

B. G. Korshunov

Sci - Chemistry
May 67

Thermal Analysis of the NaCl_3 - FeCl_2 , FeCl_2 - NaCl , FeCl_2 - KCl , FeCl_2 - CsCl , and NaCl_3 - FeCl_2 - KCl systems, by V. I. Ionov, I. S. Morozov, B. G. Korshunov, 4 pp.

RUSSIAN, per, Zhur Neorgan Khim, Vol V,
No 6, 1960, pp 1248-1253.

Cleaver-Rume Press

156,225.

Sci

Apr 61

Electrochemico-Mechanical Machining of Hard
Metals, by B. S. Korshunov.

RUSSIAN, per, Vest Mash, Vol XXVII, No 9,
1957, pp 54-56.

Henry Bratcher 4441
\$3.60

Sci - Engr

84,256

Apr 59

Polarographic Reduction of Triethyllead Hydroxide, by
I. A. Korshunov, N. I. Malyugina, 5 pp.

RUSSIAN, Ser. Zhur Obshch Khim, Vol XXXI, No 4, 1961,
pp. 1062 - 1066

CB

196, 621

Sci
Apr 62

Chromatographic Separation of Fe and Co Ions, by I. A. Korshunov, A. I. Subbotina, V. I. Gnezdov, 4 pp.

RUSSIAN, per, Zhur Neorgan Khim, Vol III, No 9, 1958, pp 2123-2131.

AEC-tr-4457
PL-480

Sci

May 62

PST 379

193,432

Radical Exchange in Organometallic Compounds. V. The
Problem of the Mechanism of the Exchange Reaction,
by A. P. Batalov, I. A. Korshunov, ³ pp.

RUSSIAN, per, Zhur Obshch Khim, Vol XXXI, No 5
1961, pp ~~144-149~~

1649-1452
CB

Sci
Mar 62

191,974

CEA-tr-1033 UNE L.

SYNTHESE DES COMPOSES ORGANIQUES MARQUES AU CARBONE
RADIOACTIF. (Synthesis of Organic Compounds Labeled
with Radioactive Carbon). I. A. Korshunov, N. F.
Novotorov, R. V. Amenitskaya (Amenitskaia), I. S. (C.)
Okrokov, N. A. Pestunovitch (Pestounovitch), V. N.
Dubovskaya (Dubovskaia), M. R. Leonov, and V. M.
Glasov. Translated into French from Radiokhimiya,
1: 728-33(1959). 19p. 9091190

Isotope Application; Translations MC-23

C-23 NP NSA

Dep.(mc)

2/20/61gsa

Radical Exchange in Organometallic Compounds.
III. Exchange of Phenyl and Ethyl Radicals
in Organoaluminum Compounds, by I. A. Korshunov,
A. P. Batelov, 5 pp.

RUSSIAN, per, Zhur Obshch Khim, Vol XXXI, No 3,
1961, pp 964-969.

CB

Sci

192,188

Mar 62

Applications of Polarography in Organic Analysis,
by I. A. Morshunov, 1 pp.

RUSSIAN, per, Zavod Lab, Vol XXIV, No 5,
1958, pp 543-547.

Instru Soc of Amer

Sci

Apr 60

113,318

Determination of Byproducts in the Synthesis of
Ethyl Cellulosolve by a Tagged Atom Method, by
M. R. Ledenov, I. A. Korshunov, 4 pp.

RUSSIAN, per, Zhur Obshch Khim, Vol XXXII, No 1,
1962, pp 218-212.

4

CB

Sci

Oct 62

216,178

Use of Radioactive Sulfur for Studying the Process of
Concentrating Rare Isotopes of Sulfur by the Method
of Chemical Exchange, by I. A. Korshunov, A. P.
Batnlov, 7 pp.

RUSSIAN, per, Zhur Neorgan Khim, Vol II, No 11, 1957,
pp 2676-2679.

AEC-tr-4061
PL-480

Sci

Jun 61

PST 88

158,765

12 666

Fr-1

KORSHUNOV I. A., NOVOTOROV N. F.

Synthesis of labelled organic compounds and their radiochemical analysis

Synthèse des composés organiques marqués et leur analyse radiochimique

Russian Monograph, 341-347, Moscow, 1958

R.530 - French

E u r a t o m

Radical Exchange in Organometallic Compounds.
II. Exchange by Phenyl and Ethyl Radicals in
Organomercurium Compounds, I. A. Korshunov,
A. P. Batalov, 3 pp.

RUSSIAN, per, Zhur Obshch Khim, Vol XXIX, No 12,
1959, pp 4051-5.

CB

Sci

Nov 60

133, 239

Radiochemical Investigation of Radical Exchange
in Certain Systems, by I. A. Korshunov, R. V.
Amenitskaya, A. A. Orlova, A. P. Batalov, 3 pp.

RUSSIAN, per, Zhur Obshch Khim, Vol XLIX, No 6,
1959, pp 1992-1994.

Consultants Bureau

Sci - Chemistry

122,043

The Use of Polarography in Organic Analysis, by
I. A. Korshunov, A. I. Kalinin, 6 pp.

RUSSIAN, per, Zavod Lab, Vol XXVII, No 11, 1961,
pp 1323-1328.

ISA

Sci

Jul 62

205,039

The Reduction of Aromatic Chromium Compounds with a
Sandwich Structure at a Dropping Mercury Cathode,
by I. A. Korshunov, L. N. Vertyulina, 3 pp.

RUSSIAN, per, Zhur Obshch Khim, Vol XXXII, No 1,
1962, pp 9-11.

CB

Sci

Oct 62

216,134

Radical Exchange in Organometallic Compounds.
I. Exchange of Ethyl Radicals in the System
Tetraethyllead-Ethyl Bromide, by I. A.
Korshunov, A. P. Batalov, 5 pp.

RUSSIAN, per, Zhur Obshch Khim, Vol XXIX, No 9,
1959, pp 3135-3138.

CB

Sci

129,325

Sep 60

Reduction of Derivatives of α, β -Unsaturated Acids on
the Dropping Mercury Cathode. I. Derivatives of Fumaric
Acid, by I. A. Koshunov, Yu. V. Vozinskiy, N. S.
Vyazankin, A. I. Kalinin, 6 pp.

RUSSIAN, per Zhur ~~pp~~ Obshch Khim, Vol. XXIX, No 4,
1959, pp 1364-1369.

Consultants Bureau

Sci

Jun 60

117,636

The Chemical State of Radiophosphorus-32,
Obtained from Certain Targets upon their
Irradiation with Neutrons, by I. A. Korshunov,
A. N. Shafier, 5 pp.

RUSSIAN, per, Zhur Neorgan Khim, Vol III, No 1,
1958, pp 141-148.

AEC-tr-4449
PL-480

177,795

Sci
Jan 62
PST 371

The Polarographic Behavior of Zirconium in Aqueous
Solution, by I. A. Korchunov, N. I. Malozemov, 2 p.

RUSSIAN, per, Zhur Georg Khim, Vol IV, No 5,
1959, pp 1077-1080.

Cleaver-Hume Press Ltd.

Sci-Chem
Jan 60

106,427

Radiochemical Investigation of Reactions of Organic
Metallic Compounds in Benzene Solution, by I. A.
Korshunov, A. A. Orlova, 5 pp.
RUSSIAN, per, 22ur Obshch Khim, Vol XXVIII, No 1,
1958, pp 43-46.

Consultants Bureau

Sci - Chem

Apr 59

84,178

Polarographic Reduction of Some Aromatic Sandwich
Compounds of Chromium, by I. A. Korshunov, L. N.
Vertiyulina, G. A. Razuvayev, Yu. A. Sorokin, G. A.
Domrachev, 4 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXXII, No 6,
1958, pp 1029-1031.

CB

Sci - Chem
Oct 59

100,063

Radiochemical Determination of the Number of
Carbon Atoms in the Organic Molecule, by I. A.
Korshunov, M. F. Novotarov, 7 pp.

RUSSIAN, per, Zhur Obshch Khim, Vol XVIII,
1958, pp 47-51.

LC or SLA 59-10077

Sci - Chemistry
Feb 59

81,678

180

Reduction of Dioxindole at the Dropping Mercury
Electrode, by I. A. Korshunov, L. N. Sazanova,
3 pp.

RUSSIAN, no per, Zhur Obshch Khim, Vol XXIII,
No 1, 1953, pp 145-148. CIA D 182354

Consultants Bureau

Scientific - Chemistry CTS/DEX

18,029

Polarographic Determination of Acrolein in Glycerine,
by A. S. Kirillova, I. A. Korshunov.

RUSSIAN, bimo per, Zhur Anal Khim, Vol VI, 1951,
USSR, pp 257, 258.

Assoc Tech Sv RJ-69

Sci - Chemistry \$2.85 (\$0.75)

Aug 54

17,136

Polarography of Some Derivatives of
Thioxanthene 5-dioxide, by I. A. Korshunov,
N. I. Malyugina, 5 pp.

RUSSIAN, per, Zhur Obshch Khim, Vol XXIX, No 10,
1959, pp 3463-3466.

CB

Sci

Oct 60

130,640

Determination du Nombre D'Atomes de Carbone Dans
Une Molecule Organique Par la Methode
Radiochimique, of Carbon in an Organic Molecule by
the Radiochemical Method), by I. A. Korshunov,
N. P. Novotarov, 8 pp.

RUSSIAN to FRENCH, par, Zhur Obshchei Khim,
Vol XXVIII, 1958, pp 47-50.

Reverse Trans
CEA Tr R-672

97,447

Sep 59

Determination of the Activity of Organic Compounds
Containing Radioactive Carbon C^{14} , by I. A.
Korshunov, R. V. Anenitskaya, N. V. Novgorov,
4 pp.

RUSSIAN, per, Zhur Obshch Khim, Vol XXVII, No 4,
1957, pp 893-896.

Consultants Bureau

Sci - Chem
Aug 58

69. 248

Electrochromic Determination of the Concentration
of Nitric Acids By I. A. Korshunov, 11 pp. UNCLASSIFIED

Full translation

(Z.B. Kuznetsova, M.K. Shekharovich)

RUSSIAN, per Zhur Analit Khim, Vol VI, 1951, pp 96-100.

Sci Mus Sub 56/1158
Davy Tr 640/1078 (Inyokern)

Sci - Chem

Jul 52 CIB

RT-77

DEK

S.L.H. Tr

A5874

Determination of the Solubility of Carbon Dioxide in Aqueous Solutions of Sulfuric Acid by the Isotopic Dilution Method, by M. K. Shchennikova, G. G. Devyatykh and I. A. Korshunov, 6 pp.

RUSSIAN, per, Zhur ^frik Khim, Vol XXX, No 6, 1957, pp 833-838.

Consultants Bureau

Sci - Chem

Sep 58

73,205

Study of Several Complex Compounds of Cadmium and
Zinc With the Aid of Ion Exchange, by I. A.
Korshunov, A. P. Pochinailo, V. M. Tihomirov, 11 pp.

RUSSIAN, per, Zhur Neorgan Khim, Vol II, 1957,
pp 68-72.

AEC Tr 3209

Sci - Chem

AEC Tr- 4051

May 58

PL-480

PST-78

64,822

Calculation of the Capacity of Hydraulic
Materials-Handling Installations, by A. P.
Korshunov, Eng

RUSSIAN, per, Sov. Electr., 1963, No 10, pp 36-39

AMS-008728

ONE ET-61-18106

A. P. Korshunov

Sci - Mech, Fabri and

Accessory Equip

June 67

329,555

Reduction of m-Nitrobenzenesulfonic Acid at the
Dropping Mercury Cathode, by I. A. Korshunov, L. N.
Vertulina, N. I. Malyugina, 4 pp.

Full translation.

RUSSIAN, no per, Zhurn Obshch Khim, Vol XXV, No 2,
1955, pp 261-264. CIA D 151348

Consultants Bureau

Scientific - Chemistry

25,408

Application of Polarographic Method to the
Analysis of Coal-Ash Constituents, by I. A.
Korshunov et al

RUSSIAN, per, Zavod Lab, Vol XIII, No 3, 1947,
pp 301-303.

Butcher Tr 3257

Scientific - Chemistry
Jul (MS/DKX

Price \$3.60

15,958

KORSHUNOV, I. A., and MALYUGINA, N. I., Res Inst, Gor'-kiy State U.

Polarographic Investigation of Coordination Compounds of Copper and Pyridine

Zhur Obshch Khim, Vol XI, No 3, 1950 (Mar), pp ⁴³²~~425~~-
~~429~~ 407 CIA D 182934

Consultants Bureau Translation

A 5875

Determination of the Solubility of Carbon Dioxide in
Aqueous Solutions of Sodium Sulfate and its Mixtures
with Sulfuric Acid by the Isotopic Dilution Method, by
M. K. Shchennikova, G. G. Devyatykh, and I. A. Korshakov,
pp. *18-20*

RUSSIAN, per, Zhur Prik Khim, Vol XXX, No 7, 1957,
pp 1080-1083.

Consultants Bureau

Sci - Chem

Oct 58

74, 110

KORSHUNOV, I. A.
MALYUGINA, N. I.

The Complex of Univalent Copper With Thiocyanate.

The Journal of General Chemistry of the USSR,
Vol. XI, No 8, Aug 1950, pp 1455 - 1459 (Russ p 1399)

Consultants Bureau
New York

USSR

A 5877

KORSENOV, I. A.
MALYUGINA, N. I.

POLAROGRAPHIC INVESTIGATION OF COORDINATION COMPOUNDS
OF COPPER AND PYRIDINE. 5 pages.

RUSSIAN, Zhur Obshch Khim, Vol XX, No 3, Mar 1950.

Consultants Bureau Translation

A 5879

KORSHUNOV, I. A.
SAZANOVA, L. N.

Polarographic Method Applied to the Analysis of
Zinc Plating Baths.

ZAVODSKAYA LABORATORIYA, vol 13, 1947, No 10,
pp 1172-3; 950 words.

Brutcher No 2089, § 1-60

A 5880

Polarographic Investigations of Sulfanide Compounds,
I. A. Morshunov and Assoc.

The Journal of General Chemistry of the USSR, Vol XXI,
No 3, Mar 1951, pp. ~~607-629~~ (Russ p 565).

CIA ID 182338 565-570

Consultants Bureau
New York

A 5881

USSR

Coordination Compounds of Cadmium With Ammonia and
Some Derivatives of Ammonia, I. A. Korshunov, L. V.
Lipatova.

The Journal of General Chemistry of the USSR, Vol XII,
No 4, Apr 1951, pp 679 - 683 (Russ p 615).

Consultants Bureau
New York

Vol 2, Apr 1951

A5882-

USSR

Lead Chloride Complexes, I. A. Korshunov, Z. V.
Kresnyakova.

The Journal of General Chemistry of the USSR, Vol XX,
No 11, Nov 1950, pp 2031 - 2033 (Russ p 1962).

Consultants Bureau
New York

A5883

Polarographic Investigation of Coordination
Compounds of Cadmium with Several Monovalent
Anions, by I. A. Korshunov, N. I. Malyugina
and O. M. Balabanova, 6 pp.

RUSSIAN, mo per, Zhur Obshch Khim, Vol XXI,
No 4, USSR, Apr 1951, pp 620-626.

Consultants Bureau
Vol 21, Apr 1951

A-454

KORSHUNOV, I. A.
SAZANOVA, L. N.

ZAVODSKAYA LABORATORIYA, vol 13, No 10, 1947

Polarographic Method Applied to the Analysis of Zinc
Plating Baths

Brutcher Tr 2089, \$1.60

75884

AEC-tr-4477(p.238-42)----- Uncl.

SEPARATION OF IRON AND COBALT BY ION-EXCHANGE
CHROMATOGRAPHY. I. A. Korshunov, A. I.
Subbotina, and V. I. Gnezdov. Translated from
Trudy Vsesoyuz. Nauch.-Tekh. Konf. po Primenen.
Radioaktiv. i Stabil. Izotopov i Izlucheni
v Narod. Khoz. i Nauke, Moscow, 1957 (1958).
Izotopy i Izlucheniya v Khim., p.193-6.

C-4 P NSA

N-5

Synthesis of Organolithium Compounds, by E. F. Novotorov,
I. A. Korshunov, 4 pp.

RUSSIAN, no per, Zhur Obshch Khim, Vol XXVI,
No 7, Jul 1956, pp 1999-1961.

Consultants Bureau

Sci - Chemistry
Nov 57

55,020

Synthesis of ^{14}C -Labeled Paraffins by Hydrogenation
of Olefins and Decomposition of Organolithium
Compounds, by I. A. Korshunov, N. P. Novotorov,
I. S. Okrokhova, 4 pp.

RUSSIAN, per, Zhur Obshch Khim, Vol XXX, No 9, 1960,
pp 2804-2807.

CB

170, 678

Sci

Sep 61

Effect of Temperature on the Reduction of Organic
Compounds at the Dropping Mercury Electrode, by
Z. B. Kuznetsova, & I. A. Korshunov. 2/2 pp.

RUSSIAN, no per, Zhur Obshch Khim, Vol XXII, No 10,
1952, pp 1756-1758.

Consultants Bureau

Scientific - Chemistry

14,497

49
The Effect of Aeration on the Vital Activity
of Microorganisms, by I. S. Kershunov.
RUSSIAN, per. Prilozheniya Bikhimiya I
Microbiologia, Vol 2, No 6, 1966, pp 714-724.
*RISI J-4584
ID 2204012468

Sci/B A: II
Apr 68

Reaction of Sodium Dialkyl Phosphites With
Phosphonates, by K. A. Petrov, N. K. Bliznyuk,
M. A. Morshunov, F. L. Maklyayev, A. N. Vorenkov,
6 pp.

RUSSIAN, per, Zhur Obshch Khim, Vol XXIX, No 10,
1959, pp 3407-3410.

CB

Sci

Oct 60

130,629

Halides of Esters of Phosphonocarboxylic Acids.

II. Dichlorides of C-Alkyl Esters of Phosphonocarboxylic Acids, by K. A. Petrov, F. L. Maklyayev, N. A. Korshunov, 3 pp.

RUSSIAN, per, Zhur Obshch Khim, Vol XXIX, No 2, 1959, pp 585-587.

Consultants Bureau

Sci

Apr 60

112,356

Acyl Halides of Esters of Phosphonocarboxylic
Carboxylic Acids. 1. The Synthesis of
P-Monoacyl Chlorides of Dialkyl Esters
of Phosphonocarboxylic Acids, by
K. A. Petrov, P. I. Maklyayev, M. A. Korshunov,
5 pp.

RUSSIAN, *zhur*, *Zhur* Obshch Khim, Vol XXIX, No 1,
1959, pp 301-305.

Consultants Bureau

Sci

Mar 60

110,678

Korshunov, V. A. and Skrotskiy, G. V.
ON THE QUESTION OF THE DOPPLER EFFECT IN
THE THEORY OF VAVILOV-CHERENKOV LUMINES-
CENCE. [1961] 5p. 8 refs.
Order from MDF \$3.50

MDF K-251

Trans. of Izv[estiya] V[ysshikh] U[chebnykh]
Z[avedeniy]. Fizika (USSR) 1960, no. 4, p. 56-59.

DESCRIPTORS: *Luminescence, Theory, Cerenov
radiation.

(Physics--Optics, TT, v. 6, no. 3)

61-22523

1. Title: Doppler effect
- I. Korshunov, V. A.
- II. Skrotskiy, G. V.
- III. MDF K-251
- IV. Friedman, Morris D., Inc.,
West Newton, Mass.

Office of Technical Services

On the Question of the Doppler Effect in the
Theory of Vavilov-Cherenkov Luminescence,
by V. A. Korshunov, G. V. Skrotskiy, 5 pp.

RUSSIAN, per, Iz Vysshikh Ucheb Zaved, Fiz,
No 4, 1960, pp 56-59. 9092919

MDF K-251

Sci
Nov 61

173,467

Determination of Cesium Bismuth Iodide, by V. E.
~~XXXXXXXXXX~~, V. O. Korshunov, 6 pp.
Plyushchev,

Full translation.

RUSSIAN, bino per, Zhur Anal Khim SSSR, Vol I, No 2,
Mar/Apr 1955, pp 119-123. CIA D 151340

Consultants Bureau

Scientific - Chemistry

Jun 55

24,489

Korshakov, V. I. and Shmut, E. I.
ESTUDIO SOBRE LA OBTENCION DE OXIDO DE
ALUMINIO A PARTIR DE RESIDUOS DE LA
CONCENTRACION DE CARBONES (Izledovanie po
Izlecheniyu Otkal Alyuminalya iz Otkhodov
Obogashcheniya Uglei) (Obtention of Aluminum Oxide
from Coal Concentration Residues). 13p. 3 refs.
CID: 62-293.
Order from OTS, ETC or CID \$0.80 62-29293

Trans. in Spanish of Akademiya Nauk SSSR. Otdelenie
Tekhnicheskikh Nauk. Izvestiya, 1957, no. 2,
p. 153-155.

DESCRIPTORS: "Coal, "Aluminum compounds,
Industrial production, "Oxides.

(Chemistry--Analytical, TT, v. 10, no. 8)

62-29293

I. Korshakov, V. I.
II. Shmut, E. I.
III. CID-62-293
IV. Centro de Información
y Documentación,
Madrid (Spain)

1247920

Office of Technical Services

Extraction of Aluminium Oxide From Coal-Treatment
Waste, by V. I. Korshunov, E. I. Shumk. UNCL

RUSSIAN, per, Is Ak Bank USSR, No 2, 1957,
p 153.

DEIR LRU (loan) M.449

Sci - Min/Mnt; Chem
Aug 59

SLA 59-22517

04,878

Cleaning of Coals in Air Suspensions, by
A. Z. Yurovskiy, V. I. Borshunov, ~~1962~~ 4FP

RUSSIAN, per, Koks i Khim, No 4, 1962,

CINA

Sci

Nov 62

216,586

Investigation of the Effect of Additions of Sodium
Compounds on the Semicoking of Coal, by H. B. Ravich,
V. A. Iarin, and V. I. Korshunov, 6 pp. UNCLASSIFIED

RUSSIAN, per, Zhur Prik Khim, Vol 24, No XHX 9, Sep
1951, pp 970-975.

Consultants Bureau

Scientific - Chemistry

A 5855

KINETICS OF THE DECOMPOSITION OF ALKALI METAL
AMALGAMS IN ALKALINE SOLUTIONS OF ELECTROLYTES,
BY V. N. KORSHUNOV, Z. A. IOFA, 4 PP.

RUSSIAN, PER, DOK AK NAUK SSSR, VOL CXL1, NO 1,
1961, PP 143-146.

CB

SCI - PHYS CHEM

209,621

SEP 62

DECOMPOSITION KINETICS OF ALKALI ON METAL AMALGAMS IN
BUFFER SOLUTIONS, BY A. N. FREEMAN, V. N.
KURBANOV, 4 PP.

RUSSIAN, PER, DOK AK NAUK SSSR, VOL CXLII, NO 2,
1961, PP 413-416.

CB

SCI + PHYS CHEM

SEP 62

209,631

Wear on the Roof With Combined Automation of an
Open-Hearth Furnace, by M. M. Dvorkind, V. S.
Korshunov, 3 pp.

RUSSIAN, per, Stal, No 11, 1960, pp 992-995.

BIBI

Sci

Apr 61

145,004

The Analysis of Periodic States Due to Level Quantization of Signal in Automatic Digital Systems, by Yu. M. Borshunov, 10 pp.

RUSSIAN, par, Avtomat i Telemekh, Vol XXII, No 7, 1961, pp 885 - 895.

ISA

198, 157

Sci
Apr 62

Optimum Structures of Digital Systems of Automatic
Control, by Yu. M. Korshunov, 8 pp.

RUSSIAN, per, Iz VUZ Priborostroyeniye, Vol V,
No 6, 1962, pp 35-42.

JPRS 19186

Sci - Electronics
Jun 63

231,671

Electron Methods for Improving the Interference Resist-
ance of Digital Systems of Automatic Control, by
Yu. M. Korshunov, 13 pp.

¹²
RUSSIAN, per, Vysishikh Ucheb Zaved, Priborostroyeniye,
Vol 4, Nr 5, 1961, pp 76-83.
9666809

YTD-TT-62-1108

Sci - Electron
Nov 62

216,897

~~Formulas for Calculating Wave Elements from the~~
~~Photographic Records Made with the Photographic~~
~~Wave Meter of the A. A. Ivanov System and from~~
~~Photographs, by A. A. Ivanov, Yu. S. Korshunov,~~
~~6 pp.~~

RUSSIAN, per, Trudy Morskogo Gidrofiz Inst, Vol XXII
1961, pp 73-78.

~~ABU~~ ABU

Sci

232,661

Dec 62

Automatic Control of Reactive Parameters of
Cyclotron Resonance Systems, by A. V. Antonov,
Yu. V. Korshunov, E. A. Meleshko, V. S. Panasyuk,
 $\frac{1}{5}$ pp.

RUSSIAN, per, Priobory i Tekh Eksper, No 6, 1959,
pp 20-24.

Instru Soc of Amer

Sci

Sep 60

127,415

Magnetic Belt for Measuring the Ion Current in
Beams Emerging from Cyclotrons, by Yu. V. Korshunov,
E. A. Meleshko, 3 pp.

RUSSIAN, per, Pribery i Tekh Eksper, No 6, 1961,
pp 24-25

ISA

Sci

Oct 62

213,335

Stabilisation of High-Frequency Voltage on the
Cyclotron Dee, by A. V. Antonov, Yu. V.
Kornukov, E. A. Meleshko, V. S. Panasjuk, 11 pp.

RUSSIAN, per, Pribery i Tekh Eksper, No 1, 1958,
pp 41-46.

AEC Tr 3651

Sci - Electron

Jun 59

90, 276

Productivity of the Leaf Apparatus of Maize Under
Irrigation Conditions, by N. S. Petinov, K. M.
Korshunova, 7 pp.

RUSSIAN, per, Fiz Rasteniy, Vol V, No 2, 1958,
pp 140-146.

Amer Inst of Biol Sci

Sci - Biol

Jul 59

91,574

Role of Root System in Productivity of the Root
Apparatus in Irrigated Corn, by N. S. Petinov, K. M.
Korshunova, 6 pp.

RUSSIAN, per, Fiz Dasteniy, Vol IV, No 4, 1957,
pp 365-371.

Amer Inst of Biol Sci

Sci - Biology
Apr 58

60,947

The Main Environmental Factors and Occupational Hazards Occurring at Accelerators of Singly and ~~NI~~ Multiply Charged Ions, by L. V. Kuznetsova, N. N. Korshunova, 9 pp.

RUSSIAN, per, Med Radiol, No 7, 1961, pp 63-67.

JPRS 11419

Sci
Jan 62

179,921